

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-04 15:55:19  
Date of Next Testing: 2028-11-03 15:55:19  
Product Name: **Adenosine 5'-triphosphate disodium salt hydrate**  
CAS Number: 34369-07-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: J2429270  
SKU #: **A111205**  
Version: **0**  
Analysis #: **430346**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	3.83 %
Purity(HPLC)	98-100 (%)	99.02000 %
abs-ratio(2a/2b)(E280/E260)	0.13-0.17	0.13
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	100.00 %
abs-ratio(a/b)(E250/E260)	0.78-0.82	0.78
Appearance (A111205)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless and clear (5%)	pass	Pass



John Su  
QA & QC Manager